

Rabbit anti-Human XPA Polyclonal Antibody | anti-XPA antibody

Rabbit anti-XPA Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211628	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

XPA; Polyclonal Antibody; Rabbit anti-XPA Antibody; Affinity Purified; DNA repair protein complementing XP-A cells; xeroderma pigmentosum group A-complementing protein; xeroderma pigmentosum; complementation group A; XP1; XPAC; DNA damage recognition and repair factor; anti-XPA antibody

PRODUCT SPECIFICATIONS

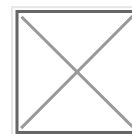
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-XPA antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



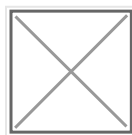
WB (Western Blot)

Detection of human XPA by western blot. Samples: Whole cell lysate (50 ug) from HeLa, K-562, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-XPA antibody AAA211628 (lot AAA211628-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human XPA by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-XPA antibody AAA211628 (lot AAA211628-3) used for IP at 6 ug per reaction. XPA was also immunoprecipitated by a previous lot of this antibody (lot AAA211628-2) and rabbit anti-XPA antibody BL6797. For blotting immunoprecipitated XPA, AAA211628 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human XPA by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-XPA (Cat. No. AAA211628 lot 3) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-XPA antibody	Mutations in XPA (xeroderma pigmentosum group A-complementing protein) are the cause of xeroderma pigmentosum A (XP-A), an autosomal recessive disease that is mainly characterized by a susceptibility to UV-induced skin cancer and in some cases neurological abnormalities. XPA is one of seven XP complementation groups that have been identified. The XP complementation groups represent genes critical to the nucleotide excision repair (NER) pathway. XPA is thought to function in the recognition of DNA damage and as a processivity factor for XPF and XPG.
Product Categories/Family for anti-XPA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507937
NCBI GeneID	7507
NCBI Accession #	NP_000371.1
NCBI GenBank Nucleotide #	NM_000380.3
UniProt Accession #	P23025; Q5T1U9; Q6LCW7; Q6LD02
Molecular Weight	31,368 Da
NCBI Official Full Name	DNA repair protein complementing XP-A cells
NCBI Official Synonym Full Names	xeroderma pigmentosum, complementation group A
NCBI Official Symbol	XPA
NCBI Official Synonym Symbols	XP1; XPAC
NCBI Protein Information	DNA repair protein complementing XP-A cells; excision repair-controlling; xeroderma pigmentosum group A-complementing protein
UniProt Protein Name	DNA repair protein complementing XP-A cells
UniProt Gene Name	XPA
UniProt Synonym Gene Names	XPAC
UniProt Entry Name	XPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xpa-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211628>